

IN COLLABORATION WITH  
**CONJUNCT CONSULTING**

**H A C K F O R G O O D**  
**K I T 2 0 2 1**



DEVELOPER STUDENT  
CLUB 

## ABOUT HACK FOR GOOD 2021

## HACK FOR GOOD KIT 2021



DSC SoC presents Hack For Good, a student-run hackathon which seeks to inspire students to learn and use technology for social causes. Our innovation challenge is unique in that we are posing real problem statements provided by NPOs in Singapore.

Participating teams are expected to create technological prototypes as part of their solution to tackle their chosen statement and directly benefit the NPO backing it. We want to be practical and do real good with this initiative. We are hoping to foster collaborations between the club, corporate sponsors, NPOs and the students in this event!

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## PROBLEM STATEMENTS

### Problem Statement #1 - by Access

Traditional industry interest and understanding have been by looking at past experiences on the resumes of youths. *How can we better reflect the interest and understanding of different industries and jobs for better job matching?*

### Problem Statement 2 - by NUS OSA

(Problem Statement 2)

### Problem Statement 3 - by NUS OSA

(Problem Statement 3)

### Problem Statement 4 - by Girls in Tech

*How do we get young girls interested in STEM for an early age?*

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## COMPETITION FORMAT

## HACK FOR GOOD KIT 2021

Hack For Good will consist of 2 rounds:

1. Qualifying Round
2. Final Round

For the qualifying round, teams are expected to submit a presentation deck and prototype addressing one of 3 problem statements (elaborated on in the Submission section below). 8 teams (2 for each problem statement) will then be selected for the finals, which will take place virtually on 20 March. Finalist teams will pitch their solution to a panel of judges, which will be followed by a short Q&A session (elaborated on in the **FINALS ROUND** section below).



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## TIMELINE & IMPORTANT DATES

22 FEB  
0000 HRS

Registration opens

5 MAR  
\*TIMING TBC

Briefing from NPOs

9 MAR  
\*TIMING TBC

Workshop with Conjunct Consulting:  
Systematic Problem Solving for the Social Sector

10 MAR  
2000-2100 HRS

Conjunct Consulting Engagement:  
Fireside Chat with Triston Francis

17 MAR  
2359 HRS

Submissions closed  
(Qualifying round over)

18 MAR  
1800 HRS

Finalists selected

20 MAR  
1330-1730 HRS

HACK FOR GOOD 2021 Finale

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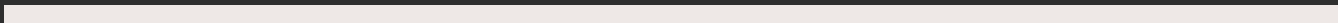
## REGISTRATION

## HACK FOR GOOD KIT 2021

- Registration opens on 22 February 2021, 0000 hrs and closes on 17 March 2021, 2359 hrs.
  - Submit your registration here: <http://bit.ly/hackforgood2021>
  - Once you have registered, please join our Announcements and FAQ Telegram Channel: <https://t.me/HackForGood2021>
  - Should you wish to withdraw from Hack For Good after registration, please email in to inform us at [dsc@comp.nus.edu.sg](mailto:dsc@comp.nus.edu.sg)
  - This hackathon is open to students enrolled in any tertiary educational institution (ITE/Polytechnic/University).
  - Participation in this hackathon is free of charge!
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## TEAM FORMATION

- You may join in a team of 1 to 4 members. Team members do not have to be from the same school.
- Teams are not allowed to change their team members once registered.
- You can use this Telegram group to search for team members: <https://t.me/HFG2021TeamFormation>



- You must choose one problem statement from any pillar to address with your solution.
- You are free to use any programming language, framework or technology to build your solution.
- You are highly encouraged to create something new. Usage of boilerplates and frameworks are allowed, but copying of existing ideas and recycling of entire projects will not be allowed.
- Plagiarism and seeking external assistance are not allowed. For instance, you are not allowed to contact the NPOs for additional information or assistance. If these acts are detected, the team will be immediately disqualified.
- You are required to submit the following items:
  - a. Pitch deck (presentation slides)
  - b. Demo – this can be included in the presentation slides, or can be an additional video etc. It must demonstrate how your product prototype works, but should not contain any pitching.
  - c. Product prototype
  - d. Code (e.g. GitHub link)
- Do take note of the following for your pitch deck:
  - Include problem statement chosen, details of your solution, and impact and novelty of your solution in addressing the problem
  - "Include ONLY your team name, please don't put any information that would allow the judges to identify your team members or institution
  - You may use a maximum of 10 slides
  - Format of the submission may be pdf, pptx, or Google slides (do make sure that the sharing settings are for 'Everyone with the link')



## SUBMISSION

## HACK FOR GOOD KIT 2021



- Submit all of the above via email to [dsc@comp.nus.edu.sg](mailto:dsc@comp.nus.edu.sg) following the template below. We will not accept submissions elsewhere due to PDPA restrictions.
  - Ensure that all your files are saved with your team name in it, e.g. TeamName\_Pitch, TeamName\_Demo. If you have more than one file, please zip them into a folder and submit the folder.

SUBJECT	Hack For Good 2021 Submission - [TEAM NAME]
[TEAM NAME] members:	
<ul style="list-style-type: none"><li>• [Member 1]</li><li>• [Member 2]</li><li>• [Member 3]</li><li>• [Member 4]</li></ul>	
Links to:	
<ul style="list-style-type: none"><li>• Presentation deck (if Google slides are used)</li><li>• Code (Github repository)</li><li>• Other links, if any (for demo video or prototype)</li></ul>	





- Submissions close on 17 March 2020, 2359 hrs. Late submissions will not be accepted.
- If multiple submissions are received, only the latest one (submitted before the deadline) will be considered.

## PRIZES

## HACK FOR GOOD KIT 2021

1st prize:

1 x Nintendo Switch per member

2nd prize:

1 x AirPods Pro per member

3rd prize:

1 x JBL Flip 5 per member



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## JUDGING CRITERIA

Usefulness (20 points)

- How useful is the solution in addressing the chosen social problem(s) faced by the target audience

Creativity (20 points)

- How original is the solution?
- Are there similar products in the market?
- How much value is added by the solution if there are already similar existing solutions?

Technical Accomplishment (20 points)

- How much technical effort was put into creating the prototype? This can include:  
Technical depth of features implemented
- How developed the design and user experience is (note that the design aspects of the prototype should contribute to the overall product usability)

Presentation (10 points)

- Does the presentation communicate the solution in a clear and convincing manner?
  - Is the pitch delivered effectively?
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## FINAL ROUND

## HACK FOR GOOD KIT 2021

Based on the judging criteria mentioned above, the Top 2 teams for each pillar will be selected as Finalists. Finalists will be notified via our Telegram Announcement Channel and email by 18 March 2020.

Finalists are expected to do a 5-min pitch + 5-min Q&A session on their solution in front of a panel of judges. The final results of the competition will be decided solely by the judges, and will not be changed after announced. Also note that you are NOT allowed to make changes to your submission (including pitch deck) after 17 March, and you are to present your submission for the qualifying round at the finale.

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## CODE OF CONDUCT

All attendees, sponsors, partners, volunteers and staff at our hackathon are required to agree with the following [code of conduct](#).





### Do I need tech experience?

Not at all! Students from all faculties, backgrounds, and experiences are welcome. All you need is an interest in technology or an interesting idea for one of our challenges!

### Does the idea have to be fully working?

The idea does not have to be fully implemented. However the submission should have a prototype so that it can be reviewed by the judges.

### What if I can't make it for the finale?

We highly encourage everyone in the team to be around for the entire duration of the finale.



